

VINOGRADOV, M.Ye.; VORONINA, N.M.

Distribution of plankton in waters of the Pacific equatorial
currents. Trudy Inst. okean. 71:22-59 '63. (MIRA 16:11)

VORONINA, N.M.

Relationship between hydrometeorological conditions and the location and character of the biogeographic boundaries in the pelagic zones of the Southern Ocean. Part 1. Boundary between the Antarctic and sub-Antarctic areas. Okeanologia 3 no.2:285-296 '63. (MIRA 16:4)

(Antarctic Ocean—Marine biology)
(Meteorology, Maritime)

VORONINA, N.M.

Distribution of macroplankton in the waters of equatorial
currents of the Pacific Ocean. Okeanologia 4 no. 5:884-895
'64 (MIRA 18:1)

1. Institut okeanologii AN SSSR.

VORONINA, N.M.

Distribution of surface zooplankton in the water of the equatorial currents of the Pacific Ocean; based on the example of Copepoda of the family Pontellidae. Trudy Inst. okean. 65:95-106 '64.
(MIRA 18:8)

VORONINA, N.M., inzh.; SHILOVTSSEV, D.P., inzh.

[Instruction on safety measures in the manufacture of steel structural elements] Instruktsiia po tekhnike bezopasnosti pri izgotovlenii stal'nykh konstruktsii MSN 61-61. Moskva, Stroiizdat, 1965. 138 p.

(MIRA 18:8)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye po proizvodstvu i montazhu stal'nykh i slozhnykh zhelezobetonnykh konstruktsii.

VINOGRADOV, M.Ye.; VORONINA, N.M.

Distribution of some copepod species occurring in large masses in
the Indian Ocean. Dokl. AN SSSR 140 no.1:219-222 S-O '61.
(MIRA 14:9)

1. Institut okeanologii AN SSSR. Predstavleno akademikom A.L.
Kursanovym.

(Indian Ocean--Copepoda)

ACC NR: AP6030460

(N)

SOURCE CODE: UR/0213/66/006/004/0681/0689

AUTHOR: Voronina, N. M.

ORG: Institute of Oceanology, AN SSSR (Institut okeanologii AN SSSR)

TITLE: Results of studies of zooplankton of the south Pacific and Indian Oceans

SOURCE: Okeanologiya, v. 6, no. 4, 1966, 681-689

TOPIC TAGS: age composition, zooplankton, copepod, herbivorous species, biomass, *BIOLOGIC ECOLOGY, BIOLOGIC REPRODUCTION / South Pacific Ocean, Indian Ocean*

ABSTRACT: Based on the data collected by the diesel-electric ship "Ob" in the Indian sector of the Southern Ocean, a comparison was made of the age composition of three main species of copepods (*Calanoides acutus*, *Calanus propinquus*, and *Rhincalanus gigas*), taken from different regions and at different times. It has been shown that these species have different periods of reproduction. This fact is believed to be the cause for a local discrepancy of the maximum abundance of different herbivorous species. Differences in the age composition of the populations are shown to cause the divergence in the biomass maxima of *Calanoides propinquus*. The above cause may lead to a discrepancy in species having a similar biogeographic nature. C.ig. art. has: 3 figures.

SUB CODE: 08/ SUBM DATE: 19Apr66/ ORIG REF: 019/ OTH REF: 012

Card 1/1

UDC: 591.524.12(26)

VORONINA, N. M.

VORONINA, N. M.: "The synthesis, properties, and structure of certain derivatives of 1,3,4-thiodiazol". Sverdlovsk, 1955. Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov. (Dissertations for the degree of Candidate of Chemical Sciences.)

SO: Knizhnaya Letopis' No. 50 10 December 1955. Moscow

SHEYNKER, Yu.N.; POSTOVSKIY, I.Ya.; VORONINA, N.M.; KUSHKIN, V.V.

Tautomerism of some derivative of heterocyclic compounds.
Part 4: Spectra and structure of benzenesulfonamides and sulfanilamides of the thiazole and thiodiazole series [with summary in English]. Zhur.fiz.khim.31 no.8:1745-1755 Ag '57. (MIRA 10:12)

1. Khimiko-farmatsevticheskiy institut im. S.Ordashonikidze,
Moskva i Ural'skiy politekhnicheskiy institut im.S.M.Kirova,
Sverdlovsk.

(Tauomerism) (Benzenesulfonamide--Spectra) (Sulfanilamide--Spectra)

5(4)

SOV/76-33-2-10/45

AUTHORS:

Sheynker, Yu. N., Postovskiy, I. Ya., Voronina, N. M.

TITLE:

The Tautomerism of Several Heterocyclic Derivatives (O tautomerii nekotorykh proizvodnykh geterotsiklicheskikh soyedineniy). VII. Spectra and Structures of the Oxy and Mercapto Derivatives of Thiazole, Thiadiazole, and Triazole (VII. Spektry i stroeniye oksii i merkaptoproizvodnykh tiazola, tiadiazola i triazola)

PERIODICAL:

Zhurnal fizicheskoy khimii, 1959, Vol 33, Nr 2, pp 302 - 309 (USSR)

ABSTRACT:

In continuation of previous work (Ref 1) the authors investigated the effect of the sulfur atom upon the relation between oxy and oxo tautomeric forms with the purpose of finding regularities corresponding to those reported in reference 1. The structures of 2-oxy and mercapto derivatives of thiazoles, thiadiazoles, and triazoles as well as the structures of 2-oxy- and 2-mercapto-1,3,4-triazoles were studied using infra-red and ultra-violet spectra. A IKS-11 apparatus was used for the infra-red studies while a SF-4 spectrophotometer was used for the ultra-violet studies. The

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The Tautomerism of Several Heterocyclic Derivatives.VII. SOV/76-33-2-10/45
Spectra and Structures of the Oxy and Mercapto Derivatives of Thiazole, Thia-
diazole, and Triazole

synthesis of the thiazole compounds was carried out by V. V. Kushkin. Among the synthetic methods used were those by Tscherniak (Chernyak)(Ref 8), Hantzsch (Ganch)(Ref 2), the modified method of Stolle and Fehrenbach (Shtolle and Ferenbakh) (Ref 9), and the methods of Busch (Bush)(Ref 13), and Widman (Vidman)(Ref 10). The experimental results show (Figs 1,2) that an oxo and not an oxy form is present in the oxy compounds investigated, which have crystalline form. The appearance of a high-frequency band of the C=O bond on one side and a low-frequency band on the other indicates that in the crystalline state the carbonyl groups of some oxy derivatives only partially participate in the formation of an inter-molecular hydrogen bond -NH ... O=C. It is possible that a hydrogen bond of the type -NH ... Hal will form when a halogen atom is present in the 5 position of the oxo and thion compounds. The infra-red spectra indicate that a thion and not a thiol form of the 2-mercapto derivatives is present in the thiazoles and triazoles. Dimercapto thiadiazole

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The Tautomerism of Several Heterocyclic Derivatives, VII. SOV/76-33-2-10/45
Spectra and Structures of the Oxy and Mercapto Derivatives of Thiazole, Thia-
diazole, and Triazole

possesses a thion-thiol from, i.e., it is a 5-mercapto
thiadiazole-thion-2 and corresponds to the derivatives of
the pyridazines and phthalazines, which are explained in
terms of the system $-CX-NH-NH-CX-$ ($X=S,O$). The sulfur atom
does not change the acid and alkali properties of the tauto-
meric azol forms (corresponding to the heterocyclic compounds
with a $-CH=CH-$ group in place of the S atom). There are 6
figures and 13 references, 3 of which are Soviet.

ASSOCIATION: Khimiko-farmatsevticheskiy institut im. S. Ordzhonikidze
Moskva (Chemical-Pharmaceutical Institute imeni S. Ordzhoni-
kidze, Moscow)
Ural'skiy politekhnicheskiy institut im. S. M. Kirova Sverd-
lovsk (Ural Polytechnical Institute imeni S. M. Kirov, Sverd-
lovsk)

SUBMITTED: July 4, 1957

Card 3/3

VORONINA, N.M.; PUSHKAREVA, Z.V.; RADINA, L.B.; BABIKOVA, N.V.

Synthesis and study of some acridine compounds and their N-oxides.
Part 1. Zhur.ob.khim. 30 no.10:3476-3480 0 '61. (MIRA 14:4)

1. Sverdlovskiy nauchno-issledovatel'skiy institut po profilaktike
poliomiylita.

(Acridine)

RADINA, L.B.; PUSHKAREVA, Z.V.; VORONINA, N.M.; KHVOROVA, N.M.

Polarographic reduction of some acridine derivatives. Part 2.
Zhur.ob.khim. 30 no.10:3480-3486 0 '61. (MIRA 14:4)

1. Sverdlovskiy nauchno-issledovatel'skiy institut po profilaktike
poliomiyelita.

(Acridine)

(Reduction, Electrolytic)

ACC NR: AP7003191

(N)

SOURCE CODE: UR/0213/66/006/006/1041/1054

AUTHOR: Voronina, N. M.

ORG: none

TITLE: Distribution of zooplankton biomass in the Southern ocean

SOURCE: Okeanologiya, v. 6, no. ⁶~~8~~, 1966, 1041-1054

TOPIC TAGS: oceanography, oceanographic expedition, plankton distribution

ABSTRACT: Analytical results of material sampled during the 1st and 2nd cruises (1956—57) of the R/V Ob in the Southern ocean between 20° E and 163° E are given. It is shown that the high biomass of zooplankton (100 mg/l m³) may be due to either seasonal or local causes. The seasonal cause includes: a) the period of breeding concentrations of copepods in a narrow upper layer, and b) the period of prevalence of copepodite stages III—V in the populations of predominating copepod species. The local cause is the origin of mechanical concentrations of plankton in the divergence and convergence zones. The quantity and the composition of plankton in rich regions is connected with the season. On the maps, the regions with high biomasses have the form of narrow belts which surround the continent. Their number and position also depend on the season. In late summer, in the upper 100 m, three maxima can be observed, i.e., at the subantarctic convergence, at the antarctic convergence, and in the belt of the summer maxima which in some sections fuses with rich spots at the

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ACC NR: AP7003191

antarctic divergence. Orig. art. has: 4 figures.

SUB CODE: 08/ SUBM DATE: 10Sep66/ ORIG REF: 014/ OTH REF: 003

Card - 2/2

TIKHONOVA, Mariya Pavlovna[Tykhonova, M.P.], VORONINA, Nadezhda
-Parfir'yevna; SMIRNOV, O.V.[Smyrnov, O.V.], red.;
SEMCHENKO, I.Yu., tekhn. red.

[Rabbit raising]Krolivnytstvo. Kyiv, Derzhsil'hoospvydav
URSR, 1962. 157 p. (MIRA 15:9)
(Rabbits)

GORTSEV, V.I., dotsent, kand.geograf.nauk; VORONINA, N.V., red.

[Lower Don and Northern Caucasus; Rostov Province, Krasnodar and Stavropol Territories, Kalmyk, Chechen-Ingush, Kabardino-Balkar, North Ossetian and Daghestan Autonomous Soviet Socialist Republics] Nizhnii Don i Severnyi Kavkaz; Rostovskaya oblast', Krasnodarskii i Stavropol'skii kraia, Kalmytskaya, Checheno-Ingushskaya, Kabardino-Balkarskaya, Severo-Osetinskaya i Dagestanskaya Avtonomnye Sovetskije Sotsialisticheskie Respubliki. Moskva, Izd-vo VPSH i AON pri TsK KPSS, 1959. 59 p. (MIRA 13:2)
(Don Valley--Economic conditions)
(Caucasus, Northern--Economic conditions)

GORTSEV, V.I.; KURNIKOV, F.D.; VORONINA, N.V., red.; NAUMOV, K.M.,
tekhn.red.

[The Volga Valley] Povolzh'se. Moskva, Izd-vo VPSH i AON pri
TsK KPSS, 1959. 75 p. (MIRA 13:4)
(Volga Valley)

KOLBIN, Leonid Mikhaylovich; VORONINA, N.V., red.

[The Kirghiz S.S.R.] Kirgizskais SSR. Monks, Izd-vo VPSH
pri TsK KPSS, 1960. 46 p. (MIRA 14:3)
(Kirghizistan)

ISKANDAROV, Rishad Giniyatullich; VORONINA, N.V., red.

[Assistance to underdeveloped countries] K voprosu o pomoshchi
slaborazvitym stranam. Moskva, Izd-vo VPSH i AON pri TsK KPSS,
1960. 83 p. (MIRA 13:12)
(Technical assistance) (Underdeveloped areas)

KHRUSHCHEV, A.T.; NIKOL'SKIY, I.V.; LAVRISHCHEV, A.N., nauchnyy red.;
VORONINA, N.V., red.

[Development and distribution of industry and transportation
in the U.S.S.R. in the seven-year plan] Razvitie i razmeshchenie
promyshlennosti i transporta SSSR v semiletke. Moskva, Izd-vo
VPSH i AON pri TsK KPSS, 1960, 149 p. (MIRA 13:12)
(Russia--Industries) (Transportation)

VOLKOV, Mikhail Ivanovich; VORONINA, N.V., md.; NAUMOV, K.M., tekhn.red.

[Business accounting in a socialist society] Khosiaistrennyi
raschet v sotsialisticheskom obshchestve. Moskva, Izd-vo VPSH
i AON pri TsK KPSS, 1960. 75 p. (MIRA 13:11)
(Finance)

KUTAF'YEV, Sergey Alekseyevich [deceased]; LAVRISHCHEV, A.N., nauchnyy
red.; VORONINA, N.V., red.

[The Kazakh S.S.R.] Kazakhskaya SSR. Moskva, Izd-vo VPSH 1 AON
pri KPSS, 1960. 127 p. (MIRA 14:8)
(Kazakhstan--Economic geography)

TKACHENKO, Petr Ivanovich; VORONINA, N.V., red.

[Possibilities for increasing the production of potatoes]
Rezervy uvelicheniia proizvodstva kartofelia. Moskva, Izd-vo
VPSH i ACh pri TsK KPSS, 1960. 30 p.

(MIRA 14:2)

(Potatoes)

STAVRAKOV, Khristofor Nikolayevich; VORONINA, N.V., red.; NAUMOV, K.M.,
tekhn.red.

[The Moldavian S.S.R.] Moldavskaya SSR. Moskva, Izd-vo VPSH i
AON pri TsK KPSS, 1960. 39 p. (MIRA 13:6)
(Moldavia--Economic conditions)

SEMIN, Sergey Ivanovich; VORONINA, N.V., red.

[Production and income of collective farms] Produktsiia i dokhody
kolkhozov. Moskva, Izd-vo VPSH i AON pri TsK KPSS, 1961. 53 p.
(MIRA 14:9)

(Collective farms)

- RYNDINA, Mariya Nikolayevna; VORONINA, N.V., red.; NAUMOV, K.M.,
tekh.n.red.

[Criticism of the economic theories of the revisionists]
Kritika ekonomicheskikh teorii revizionistov. Moskva, Izd-vo
VPSH i AOM pri TsK KPSS, 1960. 66 p. (MIRA 13:7)
(Economics)

KHRUSHCHEV, A.T.; NIKOL'SKIY, I.V.; LAVRISHCHEV, A.N., nauchnyy red.;
VORONINA, N.Y., red.

[Development and distribution of U.S.S.R. industry and
transportation in the seven-year plan] Razvitiye i razmeshcheniye
promyshlennosti i transporta SSSR v semiletke. Moskva, Izd-vo
VPSH i AON pri TsK KPSS, 1960. 151 p. (MIRA 14:2)
(Russia--Industries) (Transportation)
(Russia--Economic policy)

KHROMOV, P.A.; VORONINA, N.V., red.; NAUMOV, K.M., tekhn.red.

[Studies on the Russian national economy in the period of monopolistic capitalism] Ocherki ekonomiki Rossii perioda monopolisticheskogo kapitalizma. Moskva, Izd-vo VPSH i AOM pri KPSS, 1960. 239 p. (MIRA 13:7)
(Russia--Economic conditions)

YAKOVLEV, Aleksey Afanas'yevich; VORONINA, N.V., red.; NAUMOV, K.M.,
tekhn. red.

[Measures for increasing the productivity of dairy cattle] Me-
ropriatna po povysheniiu produktivnosti molochnogo skota. Mo-
skva, Izd-vo VPSH i AON pri TsK KPSS, 1961. 57 p.
(MIRA 14:8)

(Dairy cattle)

RUMYANTSEV, A.F., otv. red.; VORONINA, N.V., red.

[Program on the economics of industrial enterprises for economics study groups and seminars on the political education system] Programma po ekonomike promyshlennykh predpriatii dlia ekonomicheskikh kruzhkov i seminarov sistemy politicheskogo prosveshcheniia. Moskva, Izd-vo VPSH i AON pri TsK KPSS, 1962. 31 p. (MIRA 15:12)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya partiynaya shkola. Kafedra sovetskoy ekonomiki. (Economics—Study and teaching)

KULIKOV, A.G., red.; LEBEDEV, V.G., red.; KUDRYAVTSEV, S.P., red.;
VORONINA, N.V., red.; KOKOSHKO, A.G., red.; NAUMOV, K.M.,
tekhn. red.

[Development of socialist industry at the present-day stage;
industrial management] Razvitie sotsialisticheskoi promysh-
lennosti na sovremennom etape; o khoziaistvennom rukovodstve.
Moskva, Izd-vo VPSH i AON, 1962. 257 p. (MIRA 15:6)

1. Moscow. Akademiya obshchestvennykh nauk.
(Industrial management)

VOLKOV, M.I., dots.; LOPATKIN, V.G., dots.; KOZLOV, G.A., prof.;
SHIRINSKIY, I.D.; VORONINA, N.V., red.; NAUMOV, K.M., tekhn.
red.

[Socialist means of production]Sotsialisticheskii sposob proizvodstva. Moskva, Izd-vo VPSH i AON pri TsK KPSS. No.2. [Socialist production and distribution]Sotsialisticheskoe proizvodstvo i raspredelenie. 1962. 431 p. (MIRA 15:12)

1. Kommunisticheskaya partiya Sovetskogo Soyuz. Vysshaya partiynaya shkola. Kafedra politicheskoy ekonomii. 2. Kafedra politicheskoy ekonomii Vysshey partiynoy shkoly pri Tsentral'-nom komitete Kommunisticheskoy partii Sovetskogo Soyuz (for Volkov, Lopatkin, Kozlov, Shirinskiy).
(Economics)

MAKAROVA, M.F., red.; KOVALEVA, M.F., red.; IGNATOVA, S.A., red.;
VORONINA, N.V., red.; KOKOSHKO, A.G., red.; KUDRYAVTSEV,
S.P., red.; NAUMOV, K.M., tekhn.red.

[Utilization of material and labor resources on collective farms and the improvement of collective farmers' welfare at the present-day stage] Ispol'zovanie material'nykh i trudovykh resursov kolkhozov i povyshenie blagosostoianiia kolkhoznikov na sovremennom etape. Moskva, Izd-vo VPSH i AON pri TsK KPSS, 1962. 462 p. (MIRA 15:9)

1. Moscow. Akademiya obshchestvennykh nauk.
(Collective farms)

TSAPKIN, Nikolay Varlamovich, doktor ekon. nauk; VORONINA, N.V.,
red.; MARTYNOVA, M.W., tekhn. red.

[Finances of industrial enterprises] Finansovoe khoziaistvo
promyshlennyykh predpriyatii. Moskva, Izd-vo VESh i AON pri
TsK KPSS, 1963. 82 p. (MIRA 16:5)

(Finance)

DOROSHEV, I.A., prof., red.; IGNATOV, S.A., dots., red.; SUSLOV,
I.F., kand. ekon. nauk, red.; GRUSHCHENKO, I.P., red.;
ROGACHEV, S.V., red.; VCRONINA, N.V., red.

[Several problems of the intensification of agriculture]
Nektoroye problemy intensifikatsii sel'skogo khoziaistva.
Moskva, Izd-vo "Mysl'," 1964. 283 p. (MIRA 17:4)

1. Moscow. Akademiya obshchestvennykh nauk.

BALIKHIN, M.I.; IVANOV, N.A.; POLTORNYGIN, V.K.; SUKACH, P.V.,
red.; VORONINA, N.V., red.

[The economics of construction; a textbook] Ekonomika
stroitel'stva; uchebnoe posobie. Moskva, Mysl', 1964.
191 p. (MIRA 18:1)

1. Moscow. Zaochnaya vysshaya partiynaya shkola.

VYGODSKIY, S.L., doktor ekon.nauk, prof., red.; AFANAS'YEV, V.S.,
kand. ekon.nauk, dots., red.; GROMEKA, V.I., kand. ekon.nauk,
red.; BOGDANOV, Ye.A., red.; VORONINA, N.V., red.

[History of economic theories] Istoriia ekonomicheskikh
uchenii. Moskva, Mysl', 1965. 479 p. (MIRA 18:3)

1. Moscow. Akademiya obshchestvennykh nauk. Kafedra öko-
nomicheskikh nauk.

AUTHORS: Barats, I.S. and Voronina, O.F.

68-58-3-14/22

TITLE: On Some Deficiencies in Methods of Calculating Costs of Production of Coking Products (O nekotorykh nedostatkakh metodiki kal'kulirovaniya sebestoimosti produktsii koksovogo proizvodstva)

PERIODICAL: Koks i Khimiya, 1958, Nr 3, pp 49 - 52 (USSR).

ABSTRACT: According to instructions, the cost of production is calculated on total coke and coke oven gas. The authors consider that the objects of calculations should be metallurgical coke, small coke and coke oven gas. The cost of chemical products in gas should be calculated not on the basis of a stable price independent of the composition of coal blend but should be based on the quality of the blend. The gas accounts, gas used as fuel and as a chemical raw material should be differentiated.

ASSOCIATION: Khar'kovskiy inzhenerno-ekonomicheskii institut
(Khar'kov Institute of Engineering-Economics)

Card 1/1

ARTEMENKO, G.P.[Artemenko, H.P.]; VORONINA, O.F.; SEMEYKIN, M.B.;
FILONICH, V.S.[Filonych, V.S.]; NOSACH, I.P.; CHULKOV,
T.G.[Chulkov, T.H.]; TENENBAUM, A.B.KIFORENKO, I.S.
[Kyforenko, I.S.], red.; LEVCHENKO, O.K., tekhn. red.

[Work incentives in the period of the large-scale building
of communism] Stymuliuvannia pratsi v period rozhornutoho
budivnytstva komunizmu. Kyiv, Derzhpolitvydav URSR, 1964.
166 p. (MIRA 17:3)

1. Sotrudniki kafedry politicheskoy ekonomii Kharkovskogo
inzhenerno-ekonomicheskogo instituta (for all except
Kiforenko, Levchenko).

VORONINA, O.M.,
PINES, B. YA., Ukrain. Nauch. Issledovatel. Inst. Ogneuporow
and Kisloutoporov No. 37, 81-111 (1936)

VORONINA, O.S.

Time of discharge of infants in the first year of life following affliction with dysentery. *Pediatrics* 37 no.5:41-45 May '59. (MIRA 12:8)

1. Iz infektsionnogo otdela (zav. - prof. B. G. Shirvindt) Gosudarstvennogo nauchno-issledovatel'skogo pediatricheskogo instituta Ministerstva zdruvookhraneniya RSFSR (dir. - kand. med. nauk V.N. Karachevtseva).

(DYSENTERY, BACILLARY, in inf. & child
time of discharge from hosp. of inf. (Rus))

VORONINA, O. S., Cand Med Sci -- (diss) "Characteristic of the convalescence period from dysentery in children in the first year of life." Moscow, 1960. 15 pp; (Academy of Medical Sciences USSR, Order of Labor Red Banner Inst of Pediatrics); 200 copies; price not given; (KL, 25-60, 138)

25653
S/080/60/033/012/007/024
D209/D305

5.3700
AUTHORS:

Shakhparonov, M.I., Lel'chuk, S.L., Korchemskaya, K.M.,
Martynova, M.Ye., Baburina, I.I., and Voronina, R.D.

TITLE:

Investigation of pressure and vapor density in
binary systems methyldichlorosilane - trimethylchloro-
silane and silicochloroform - benzene

PERIODICAL: Zhurnal prikladnoy khimii, v. 33, no. 12, 1960,
2699 - 2703

TEXT: The authors studied pressure and vapor density of liquid
systems $\text{CH}_3\text{SiHCl}_2$ - $(\text{CH}_3)_3\text{SiCl}$ and SiHCl_3 - C_6H_6 in order to ob-
tain data necessary for determining the conditions for rectifying
haloalkylsilanes. The measurements were carried out in an appa-
tus described in an earlier work (Ref. 1: ZhFKh 8, 1734, 1960).
Throughout the experiment the composition of liquids was control-
led by measuring their densities at 20°C with the use of a pycno-
meter. The accuracy of P and γ measurements for individual li-

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S/080/60/033/012/007/024
D209/D305

Investigation of pressure ...

quids was within 0.1 %. The molecular weight of vapors was calculated from the equation $M = \gamma RT/P$. Liquids used in the experiments were obtained by chemical purification and fractionation. The constants of Antuan's equation $P = A \cdot [B/(C + t)]$ and the values of enthalpy and entropy at $P = 760$ mm Hg are given in tabulated form. Vapor composition and partial vapor pressures of components may be calculated from the equation $M = M_1 x_1 + M_2 (1 - x_1)$. Fig. 2 gives the relation of total and partial vapor pressures against the composition of methyldichlorosilane - trimethylchlorosilane solutions at 30 and 40°C. The relation between total and partial pressures and concentrations of silicochloroform - benzene at 30°C is also presented graphically. The graphs show that at 30-40°C $\text{CH}_3\text{SiHCl}_2$ - $(\text{CH}_3)_3\text{SiCl}$ solutions are characterized by slight deviations from the ideal solutions. In C_6H_6 - SiHCl_3 solution at 30°C similar deviations from Raoult's law are observed. The authors calculated concentrations of components in vapors in equilibrium with the li-

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S/080/60/033/012/007/024
D209/D305

Investigation of pressure

quid phase at 760 mm Hg and the results are given in tabulated form. There are 6 tables, 3 figures and 1 Soviet-bloc reference.

SUBMITTED: October 26, 1959

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Investigation of pressure ...

S/080/60/033/012/007/024
D209/D305

Fig. 2. Relation between total and partial vapor pressures of methyldichlorosilane - trimethylchlorosilane solutions at 30 and 40°C.

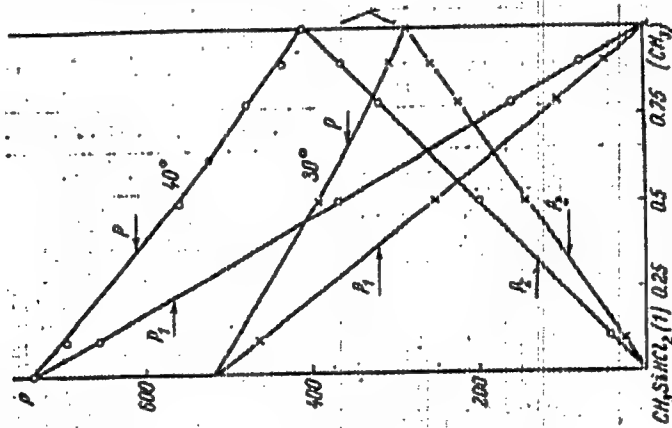


Рис. 2. Зависимость общего и парциальных давлений пара состава растворов метилдихлорсилан-триметилхлорсилан при 30 и 40°.

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25654
S/080/60/033/012/007/024
D209/D305

5.3700
AUTHORS:

Korchenskaya, K.M., Shakhparonov, M.I., Lel'chuk, S.L.,
Martynova, M.Ye., Baburina, I.I., and Voronina, R.D.

TITLE:

Investigating pressure and vapor density of binary
solutions of silane chloro-derivatives

PERIODICAL:

Zhurnal prikladnoy khimii, v. 33, no. 12, 1960,
2703 - 2708

TEXT: In the present work, carried out to obtain the necessary data for determining conditions for the rectification of haloalkylsilanes, the authors submit the results of investigations concerning pressure and vapor density under pressures of 150 - 800 mm Hg. The measurements were concerned with determining pressure P , density γ , and the molecular weight of saturated vapor pressure of individual liquids and solutions. The values of Antuan's equation constants and the enthalpy and entropy values for liquid vaporization at 760 mm are given in tabulated form. Graphically, the au-

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Investigating pressure and ...

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D209/D305

thors give the isotherms of total and partial vapor pressures of liquids at 30, 40, 50 and 56°C. Total pressures were calculated from the vapor composition data obtained from \bar{M} values derived from the equation $\bar{M} = \sum x_i M_i$. The average molecular weight of saturated vapors \bar{M} , used for partial vapor pressures determinations were chosen such that the deviations from Raoult's law corresponded to the Gibbs - Duhem equation. In all cases, values of \bar{M} used in calculations differed by not more than 1 - 1.5 % from the experiment values. In this manner the values of partial vapor pressures and vapor compositions were controlled by the conditions of thermodynamics and the experimental data, with sufficient accuracy. Other tables represent the contents of vapor components in equilibrium with liquid phase at 760 mm Hg and the activity coefficients of the components of various temperatures. The results submitted show that the solutions of methyldichlorosilane - tetrachlorosilane are characterized by only slight positive deviations from the ideal solution, and in many cases may be considered as such. Solu-

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Investigating pressure and ...

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S/080/60/033/012/008/024
D209/D305

tions of chlorosilane solutions at 40, 50 and 56°C. There are 3 figures, 7 tables and 2 Soviet-bloc references.

SUBMITTED: October 26, 1959

Card 3/3

KORCHEMSKAYA, K.M.; SHAKHPARONOV, M.I.; LEL'CHUK, S.L.; KORABLINA, T.P.;
BABURINA, I.I.; VORONINA, R.D.

Investigation of the vapor pressure and vapor density of binary
solutions of silane chloro derivatives. Part 4. Izv.vys.ucheb.
zav.; khim.i khim.tekh. 5 no.1:65-69 '62. (MIRA 15:4)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova,
kafedra fizicheskoy khimii.

(Silane) (Vapor pressure) (Vapor density)

ABRAKOV, G.V.; VORONINA, R.F.; MOSEVITIN, A.I.

Ivanovo integratsional period. Dokl. AN SSSR 162 no. 1353-1355 Je '65.

1. Ivanovskaya geologorazvedochnaya ekspeditsiya Sredne-Volzhskogo geologicheskogo upravleniya i Geologicheskii institut AN SSSR.

(1965: 13:7)

VORONINA, R. G., CAND MED SCI, "METABOLISM OF VITAMINS
B₂ AND B₁ AND OXIDIZING PROCESSES ^{and} THEIR INTERRELATION
IN PNEUMONIA IN ^{young} CHILDREN ~~OF AN EARLY AGE.~~" KIEV, 1961.
(KIEV ORDER OF LABOR RED BANNER MED INST IN ACAD A. A.
BOGOMOLET'S). (KL, 3-61, 231).

VORONINA, R.G.

Changes in the saturation with vitamin B₂ in children in
diseases of the liver and biliary tract. Vop. okh. mat. i
det. 8 no.7:87 JI '63. (MIRA 17:2)

1. Iz kafedry pediatrii Kiyevskogo instituta usovershenstvovaniya
vrachey.

PECHKOVSKIY, A.M.; VORONINA, S.N.

Most recent types on furnaces; review of British equipment in 1959
[from "Metallurgia" no. 356, 1959]. Metalloved. i term. obr. met.
no.8:63-64 Ag '60. (MIRA 13:9)
(Great Britain—Metallurgical furnaces)

PECHKOVSKIY, A.M.; VORONINA, S.N.

Most recent type of adsorbent, molecular sieve [from "Metal Progress,"
no. 4, 1959; no.2, 1960]. Metalloved. i term. obr. no.5149-
51 My '61. (MIRA 14:5)

(United States—Adsorbents)

VORONINA, S.S., aspirantka

Possibility of improving loop formation on circular knitting machines for hosiery. Tekst. prom. 25 no.12:42-46 D '65.
(MIRA 19:1)

1. Kafedra "Tekhnologiya trikotazhnogo proizvodstva" Moskovskogo tekstil'nogo instituta.

KAZAKOV, Ye. I.; LARIN, A. Ya.; VORONINA, T. B.; LYUBIKOVA, Z. V.;
GOROSHKO, G. K.

Light oil of a mean temperature brown coal tar as a raw material
for the production of surface-active substances. Trudy IGI 17:
169-173 '62. (MIRA 15:10)

(Coal-tar products) (Surface-active agents)

KAZAKOV, Ye. I.; LARIN, A. Ya.; VORONINA, T. B.; LYUBIMOVA, Z. V.;
GOROSHKO, G. K.

Surface-active substances from peat tar hydrocarbons. Trudy
IGI 17:157-168 '62. (MIRA 15:10)

(Surface-active agents) (Peat)

L 4073-66 EAT(1)/T LJP(c) GG

ACC NR: AP5025778

SOURCE CODE: UR/0363/65/001/009/1459/1461

AUTHOR: Burdukov, Yu. M.; Voronina, T. I.; Yemel'yanenko, O. V.; Lagunova, T. S. ⁴⁷₃

ORG: Physicotechnical Institute im. A. P. Ioffe, Academy of Sciences, SSSR (Fiziko-
tekhnicheskiy institut, Akademii nauk SSSR) ⁵⁵⁴⁴₅₅₄₄

TITLE: Distribution of impurities in gallium arsenide single crystals grown by the
Czochralski method ⁵⁵²⁷₂₇

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 9, 1965,
1459-1461

TOPIC TAGS: gallium arsenide, tellurium, doped gallium arsenide, impurity
conductivity

ABSTRACT: A study has been made of the distribution of Te dopant and contaminants
in semiconductor Te²-doped GaAs single crystals grown by the Czochralski method. The
experiments consisted of determining electrical conductivity and the Hall constant in
specimens cut out from ingots perpendicularly to their longitudinal axis. From these
data the carrier concentration and mobility and their distribution along and across
the ingots were calculated. It was shown that the distribution of Te in ingots, as
determined from electron concentration and electrical conductivity, is not uniform.
It increases from the top to the bottom of the ingot by a factor of 3 to 5, and from
the periphery of the ingot to its center by 20 to 40%. The concentration of contami-

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UDC: 546.681.151.548.55

L 4073-66

ACC NR: AP5025778

nants, as determined from carrier mobility, increases toward the bottom of the ingots faster than that of Te. The nature and penetration course of contaminants in the melt remained unclear. One of the most probable contaminants is Si, which forms acceptor-donor pairs and is a quartz decomposition product. It is concluded that every doped GaAs ingot intended for industrial application should be subjected to individual homogeneity control. Orig. art. has: 3 figures. (B0)

SUB CODE: SS, EM/ SUBM DATE: 15May65/ ORIG REF: 001/ OTH REF: 004/ ATD PRESS:

4127

BVK
Card 2/2

VORONINA, T. P.

24399

VORONINA, T. P. Izucheniye biologicheskikh osobennostey stafillokokkov, vydelennykh pri razlichnykh gnoynykh infedtsiyakh u bol'nykh, lechenykh penitsillinom. Trudy Glav. voyen. Gospitalya Vooruzh. Sil SSSR im. Akad. Burdenko. VYP. 6. M., 1949, S. 327-34. - Bibliogr: 25 nazv.

SO: Letopis, No. 32, 1949.

GUDKOVA, Ye.I.; VORONINA, T.P.

Diagnosis of anginas caused by *Listeria*. Zhur.mikrobiol., epid. i
immun. 27 no.8:31-39 Ag '56. (MLRA 9:10)

1. Iz Nauchno-issledovatel'skogo instituta ukha, gorla i nosa
Ministerstva zdravookhraneniya RSFSR i sanitarno-epidemiologicheskogo
otryada.

(*LISTERIA*, infections,
tonsillitis, diag. (Rus))
(*TONSILLITIS*, etiology and pathogenesis,
Listeria, diag. (Rus))

L 43944-65

ACCESSION NR: AF5008022

nerologic groups B (51.1%) or D (29%) with *S. typhimurium* (61.6%) dominant in group B and *S. typhimurium* (92.1%) dominant in group D. Sensitivity of the 10 strains to chloramphenicol, streptomycin, erythromycin, tetracycline, ampicillin, cephaloridine, and gentamicin was as follows: chloramphenicol, 100%; streptomycin, 100%; erythromycin, 100%; tetracycline, 100%; ampicillin, 100%; cephaloridine, 100%; gentamicin, 100%.

ASSOCIATION: Sanitaro-epidemiologicheskaya stantsiya Khibinovskogo
rayona Morkov Sanitaro-epidemiological Station of the Khibinov

SUBMITTEL: CCJant

FBI HQ

BUREAU OF THE ARMY

436 241

Card 2/2 in 3

GUBINA, N.Ye.; VORONINA, T.T.; POBIVANTSEVA, N.P.

Differential molybdenum medium for plague and pseudotuberculosis bacteria. Zhur. mikrobiol. epid. i immuni. 33 no.10: 12-15 0'62 (MIRA 17:4)

1. Iz Nauchno-issledovatel'skogo protivoochumnogo instituta Kazkaza i Zakavkaz'ya.

VORONINA, T. V.

Cand Med Sci - (diss) "Sanitary-hygienic evaluation of the Karatal River and of underground water in its basin as sources for potable water supply." Alma-Ata, 1961. 16 pp; (Joint Academic Council of the Institutes of Physiology, Kray Pathology, Clinical, and Experimental Surgery of the Academy of Sciences Kazakh SSR); 200 copies; price not given; list of author's works on pp 15-16 (13 entries); (KL, 7-61 sup, 257)

VORONINA, T.V.

Amount of iodine and fluorine in potable waters of the foothills
of the Dzhungarian Ala-Tau. Zdrav. Kazakh. 21 no.1:71-73 '61.
(MIRA 14:3)

1. Iz kafedry obshchey gigiyeny (zav. - professor I.S.Koryakin)
Kazakhskogo meditsinskogo instituta.
(DZHUNGARIAN ALA-TAU WATER COMPOSITION)

ALEKSEYEV, V.F.; BERZHBITSKIY, V.V.; GAYSINSKIY, A.Ya.; MGALOBELISHVILI,
N.M.; TROFIMOVA, V.I.; SHTEYMAN, R.A.; OLTARZHEVSKIY, V.K.,
doktor arkh., zasl. deyatel' iskusstv, nauchnyy red.; ~~WORONINA,~~
~~T.V., red.~~; GOVALOV, O.V., red.; TEMKINA, Ye.L., red.

[Public eating places] Predpriatiia obshchestvennogo pitaniia;
posobie po proektirovaniu. Moskva, Gosstroizdat, 1963. 266 p.
(MIRA 16:5)

1. Akademiya stroitel'stva i arkhitektury SSSR, Institut ob-
shchestvennykh zdaniy.
(Restaurants, lunchrooms, etc.--Design and construction)

NADEZHIN. Boris Mikheylovich, kand. arkhitektury; VORONINA, T.V.,
red.

[Bridges and overpasses in cities; architectural and design
characteristics] Mosty i putoprovozy v gorodakh; arkhitekturno-
planirovochnye osobennosti. Moskva, Stroiizdat, 1964. 287 p.
(MIRA 17:7)

KORYAKIN, I.S.; ALEKSEYEVA, V.G.; GOVOROVA, M.S.; VORONINA, T.V.;
DAULBAYEV, F.A.; DEMIDOVA, S.I.; KAZANTSEVA, G.V.; KAPOZ, V.M.;
MUKHINA, N.S.; PIPIN'YAN, P.O.; SHITIPANOVA, A.R.

Trace elements in drinking water sources of Kazakhstan and their
relations to the problem of some noninfectious diseases. Vest. AMN
SSSR 19 no.7:90-95 '64. (MIRA 18:3)

1. Alma-Atinskiy meditsinskiy institut.

USSR/General Problems of Pathology. Immunity.

U-1

Abs Jour : Ref Zhur - Biol., No 13, 1958, No 60958

Author : Voronin, T. Z.

Inst : Vinnitskiy State Medical Institute

Title : The Effect of a High Temperature in Outside Environments
on the Immunobiological State of the Organism of a Rabbit.

Orig Pub : Sb. nauchn. tr. Vinnitsk. gos. med. in-ta. 1957, 8, 244-
250.

Abstract : Rabbits were immunized with a typhoid vaccine, four times
at intervals of 5 days. In animals who had been warmed for
2 hours for 5 consecutive days (the body temperature in-
creased by 0.8 to 1.5°) starting on the 6th day after vacci-
nation was accomplished in a well ventilated heating chamber
at 37° and with a relative humidity of 40-50%, the following
was recorded. The titer of agglutinins (TA; up to 1:24 000 --

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GENERAL PROBLEMS OF PATHOLOGY. Immunity

U-1

Abs Jour ; Ref Zhur - Biol., No 13, 1958, No 60958

-- 1:32 000), the phagocyte indicator (PI) and the complement titer (CT) increased. Rabbits who were kept at 16-18° the Tn read 1:12000 to 1:24 000. PI changed irregularly, CT did not change. The warming of animals at temperatures of 41-42° (body temperature increased by 2 to 3°) in a chamber, and especially in a thermostat caused a change for the worse in their physiological condition and produced a negative effect on the immunobiological indicators. Placing the animals on one occasion only in a chamber with a temperature of 42° for 1 hour reflected favorably on the investigated indicators. -- F.L. Bukh

Card : 2/2

VORONINA, T. Z., Cand Méd Sci -- (diss). "Immunobiological organism reactions during hyperthermia and hypothermia," Vinnitsa, 1960, 20 pp (Odessa State Medical Institute im N. I. Pirogov)
(KL, 40-60, 123)

VORONINA, T.Z.

Role of the temperature factor in the change in the immunoreactive properties of the body. Vrach.delo no.10:77-81 O '60. (MIRA 13:11)

1. Kafedra mikrobiologii Vinnitskogo meditsinskogo instituta.
(TEMPERATURE--PHYSIOLOGICAL EFFECT)
(IMMUNITY)

VORONINA, V.A.

Continuous mechanised production of dessert concentrates. Kons. 1 ov.
prom. 12 no.1:6-8 Ja '57. (MIRA 10:5)

1. Moskovskiy ordena Lenina pishchevoy kombinat imeni Mikoyana.
(Desserts) (Food, Concentrated)

31867
8/123/61/000/024/005/016
AC04/A101

1.1500

AUTHORS: Maslennikov, N.D., Voronina, V.A.

TITLE: On the problem of intergranular fractures in castings from alloyed steel (as a discussion)

PERIODICAL: Referativnyy zhurnal. Mashinostroyeniye, no. 24, 1961, 3-4, abstract 24031 ("Sb. tr. Ukr. n.-i. in-t metallov", 1961, no. 7, 258 - 267)

TEXT: During the freezing and cooling of castings 90 x 90 and 110 x 110 mm in cross section, temperature conditions are produced in their peripheral zones which are similar to the temperature conditions in forged blanks during overheating, as a result of which intergranular fractures originate. In castings 70 x 70 mm in cross section temperature conditions favoring the origination of intergranular fractures were not observed. Apparently, the temperature range from the freezing termination to 1,400°C is the most dangerous for creating conditions favoring the formation of intergranular fractures in the peripheral zones of castings, in respect to both temperature level and the time during which these zones are subjected to them. If the cross-section dimensions of the castings increase, the time, during which the peripheral zones remain in the dangerous

Card 1/2

On the problem of intergranular fractures ...

31867
8/123/61/000/024/005/016
A004/A101

temperature range, grows. The temperature conditions of the cooling of castings 90 x 90 mm and more in cross section in sand molds can be the cause of the origination of intergranular fractures in castings from alloyed steels disposed to overheating. A further investigation of this problem is essential, while special experiments have to be conducted.

[Abstracter's note: Complete translation]

Card 2/2

3/276/63/000/001/021/028
A006/A101

AUTHORS: Maslennikov, N. D., Voronina, V. A.
TITLE: Investigation of stony fractures in alloyed steel castings
PERIODICAL: Referativnyy zhurnal, Tekhnologiya mashinostroyeniya, no. 1, 1963,
4, abstract 1028 ("Sb. tr. Ukr. n.-1, in-t metallov", 1962, no. 8,
211 - 232)

TEXT: In alloyed steel castings whose composition approaches that of forged steels which are prone to stable overheating, processes of stony fracture formation take place during natural cooling in sand molds. They are analogous to processes which take place in forged steels during overheating. The peripheral zones of the castings where overheating conditions are developed, are, in particular, affected by stony fractures. Thermal conditions, developed in the peripheral zones of castings of 90 x 90 mm cross section, produced from the investigated steels, are sufficient to form stony fractures, but not sufficient for the course of recrystallization processes of austenite grains. Therefore the nature of stony fractures in this steel reflects the type of dendrite structure: in differently oriented dendrites the fractures may occur only with dif-

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Investigation of stony fractures in...

S/276/63/000/001/021/028
A006/A101

ferently oriented grains, and in oriented dendrites only with oriented grains. The metal in the zones of castings affected by stony fractures, shows lower indices of cross-sectional reduction (by 30% on the average) and toughness (by 20%). Therefore stony fractures are defects in the castings. Homogenization corrects the stony fractures with differently oriented grains in small and large section castings, and does not fully correct stony fractures with oriented grains. ✓

[Abstracter's note: Complete translation]

Card 2/2

MASLENNIKOV, H.D., kand. tekhn. nauk; VORONINA, V.A.; MURAV'YEV, V.H.

Investigating the effect of nonmetallic inclusions and the
conditions of hardening on the nature of stony fracture in
alloyed steel castings. Sbor. trud. UNIIM no.9:295-311 '64
(MIRA 18:1)

MASLENNikov, N.D., kand. tekhn. nauk; VORONINA, V.A.

Effect of temperature factors on the formation of stony fracture in alloyed steel castings. Sbor. trud, UNT M no. 2:
266-280 '64 (MIRA 18:1)

MASLENNIKOV, N.D.; VORONIEVA, V.A.

Investigating the effect of technological factors on
granular fractures in alloyed steel castings. Sbor. trud.
UNITM no.11:232-243 '65.

(MIRA 18:11)

VORONIN, V.N., nauchnyy sotrudnik; VONONINA, L.D., nauchnyy sotrudnik;
SKOCHINSKIY, A.A., akademik, redaktor; RATHNER, V.I., redaktor;
MURASHOVA, N.Ya., tekhnicheskoy redaktor

[Ventilation of ore mines after blasting] Provetrivanie metalliches-
skikh rudnikov posle vzryvnykh rabot. Moskva, Izd-vo Akademii nauk
SSSR. Pt.2. [Instructions for the ventilation of stopes] Instruktsiya
po provetrivaniyu ochestnykh vyrabotok. Pod nauchnym rukovodstvom i
red. A.A.Skochinskogo. 1946. 104 p. (MLRA 9:9)

1. Institut gornogo dela (for Voronin, Vononina)
(Mine ventilation)

TUPIKOVA, Ye.P.; VORONINA, V.N.

4,4'-Tetramethyldiaminothiobenzophenone (Michler thio ketone).
Metod.poluch.khim.reak. i prepar. no.7:10-11 '63. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh
reaktivov i osobo chistyykh khimicheskikh veshchestv.

VORONINA, VERONIKA LEONIDOVNA

Narodnaya Arkhitektura Severnogo Tadzhikistana. Moskva, Gosstroyizdat, 1959.
97 (3) P. Illus., Charts, Diagr., Tables.

Bibliography: P. (99)

On flyleaf: Akademiya Stroitel'stva I Arkhitektury SSSR. Institut Teorii
I Istorii Arkhitektury I Stroitel'noy Tekhniki.

LYSENKO, V.G., kand. ist. nauk; EPSHTEYN, A.I., kand. ist. nauk;
CHIRKOV, N.P., kand. ist. nauk; KIYAN, Ye.A., kand. ist.
nauk; PLUGATAREV, P.G., kand. ist. nauk; POBEDINA, Ye.N.,
kand. ist. nauk; DRONOVA, A.I., kand. ist. nauk; BLOKH,
B.A., kand. ist. nauk; VORONINA, V.M., red.; LIMANOVA,
M.I., tekhn. red.

[Outline history of the Kharkov Tractor Plant, 1931-1961]
Ocherk istorii Khar'kovskogo traktornogo zavoda im. Ordo-
nikidze, 1931-1961. Khar'kov, Khar'kovskoe kniazhoe izd-
vo, 1962. 296 p. (MIRA 16:6)
(Kharkov--Tractor industry)

AVDUSHEVA, M.P.; VOSTRIKOVA, V.A.; LIPIANSKAYA, R.S.; SHIYAN, K.K. Prinimali uchastiye: ANTONETS, L.G., nauchnyy sotrudnik; BELENKINA, S.G., nauchnyy sotrudnik; YEVLANOV, V.D., nauchnyy sotrudnik; SHAIN, B.S., nauchnyy sotrudnik; LYCHAGIN, N.S. SKAB, A.D., kand.istor.nauk, red.; VORONINA, V.M., red.; SHEVCHENKO, M.G., tekhn.red.

[History of the Kharkov Locomotive Plant from 1895 to 1917; collected documents and materials] Istoriiia Khar'kovskogo parovozostroitel'nogo zavoda, 1895-1917 gg.; sbornik dokumentov i materialov. Khar'kov, Khar'kovskoe obl.isd-vo, 1956. 378 p. (MIRA 14:1)

1. Kharkov. (Province) Gosudarstvennyy arkhiv. 2. Gosudarstvennyy arkhiv Khar'kovskoy oblasti (for Antonets, Belenkina, Yevlanov, Shain). (Kharkov--Locomotives--Construction)

GAYEVOY, Ye.V.; GOL'TSEVA, Z.V.; FENDRIKOVA, L.S.; VORONINA,
V.P.

[Production of endocrine and enzymatic preparations in
Hungary and Czechoslovakia] Proizvodstvo endokrinnykh i
fermentnykh preparatov v Vengli i Chekhoslovakii. Mo-
skva, TSentr. in-t nauchno-tekhn. informatsii pishchevoi
promyshl., 1963. 47 p. (MIRA 17:5)

LIVSHITS, M.N., kand.med.nauk; VORONINA, V.P.

Treatment of some diseases of the soft tissues, joints and spine with preparation biliarin, "preserved bile preparation."
Sov.med. no.3:113-115 '62. (MIRA 15:5)

1. Iz polikliniki No.37 (glavnyy vrach L.D. Isayeva) Zhdanovskogo rayona Moskvy i fermentnogo otdeleniya tselkha meditsinskikh preparatov (nach. V.P. Voronina) Moskovskogo ordena Lenina myasokombinata imeni A.I. Mikoyana.

(BILE) (JOINTS--DISEASES) (SPINE--DISEASES)

VUL'MAN, F.A., Inzh.; VORONINA, V.P., inzh.

Calculation of thermodynamic properties of water and water vapor by means of a high-speed computer using the Zagoruchenko-Kanavchinskii equation. Teploenergetika 11 no.6:64-65 Je '64. (MIRA 18:7)

1. Gosudarstvennyy vsesoyuznyy tsentral'nyy nauchno-issledovatel'skiy institut kompleksnoy avtomatizatsii.

VORONINA V.V.
LYSYANSKIY, Kh.B.; LUNINA, A.V.; VORONINA, V.V.

Ways of reconstructing the twisting shops of flax mills.
Tekst.prom. 14 no.8:30-32 Ag '54. (MLA 7:10)

1. Nauchnyy sotrudnik TSNIILV (for Lysyanskiy). 2. Inzhener TSNIIL
(for Lunina). 3. Nachal'nik krutil'nogo tsekha fabriki "Iskra Oktya-
brya." (for Voronina)
(Linen)

VORONINA, Ye

Dec 48

USSR/Medicine - Sewage Disposal and
Purification
Medicine - Industrial Hygiene

"Industrial Waste Waters of Gor'kiy Factories," Ye. Kozhevnikova, G. Rodionova,
Ye. Voronina, 2 pp

"Gig i San" No 12

On 31 May 47 Council of Ministers promulgated a decree on elimination of sources of contamination to Soviet waterways. Gor'kiy State Sanitation Inspection conducted a survey to determine means and ways to prevent industrial waste waters from contaminating the Oka and Volga rivers. Conducted tests near the Auto Factory imeni Molotov, located on the Khmelev canal. Give results of survey.

57/49T88

VORONINA, Ye.

Promyshlennyye

42604. Stochnyye Vody Zavodov Porkogo. Gigiyena, Sanitariya, L948, No. 12. S 47-49

USENKO, V.A.; VORONINA, Ye.A.

Discussion of the textbook "Fundamentals of the spinning of fibrous materials" by V.M. Zotikov and others. Izv.vys.ucheb.zav.; tekhn. tekst.prom. no.6:140-143 '60. (MIRA-14:1)

1. Moskovskiy tekstil'nyy institut.

(Spinning)

(Zotikov, V.Ye.)

(Budnikov, I.V.)

(Trykov, P.P.)

USENKO, V.A., doktor tekhn.nauk; VORONINA, Ye.A., kand.tekhn.nauk

Conference for the discussion of a book on the fundamentals
of spinning ("Fundamentals of the spinning of fibrous materials"
by V.E. Zotikov, I.V. Budnikov, P.P. Trykov. Tekst. prom.
20 no. 11:78-81 N '60. (MIRA 13:12)

(Spinning)

(Zotikov, V.E.)

(Budnikov, I.V.)

(Trykov, P.P.)

MANUKHIN, A.S., inzh., nauchnyy sotrudnik; VORONINA, Ye.A., kand.tekhn.
nauk

New methods of weft feeding on automatic looms. Tekst. prom.
21 no.10:50-54 O '61. (MIRA 14:10)

1. Tsentral'nyy nauchno-issledovatel'skiy institut
khlopkotobumazhnoy promyshlennosti.
(Looms)
(Automatic control)

VORONKINA, Ye. E. (Rostov-na-Donu, ul. M. Gor'kogo, M. Gor'kogo, d. 235/237,
kv. 16)

Problem of axon-vascular synapses in the spinal cord. Arkh. anat.
gist. i embr. 35 no. 4: 82-84 JL-Ag '58 (MIRA 11:10)

1. Klinika nervnykh bolezney i neyrokhirurgii (zav. - prof.
V.A. Nikol'skiy) Rostovskogo na Donu gosudarstvennogo meditsinskogo
instituta.

(SPINAL CORD, anat. & histol.
synapses between axons & vessels (Rus))

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23
8

AUTHOR: Bandura, Z. I.; Voronina, Ye. N.; Poslovina, A. S.;
Goryukhova, N. M.; Saifullina, R. L.

TITLE: Investigation of the combined action of chemical mutagens and
ultraviolet rays on formation of reversible mutations in E. coli 113-3

SOURCE: Radiobiologiya, v. 4, no. 6, 1964, 865-869

TOPIC TAGS: E. coli 113-3 culture, ultraviolet irradiation,
chemical mutagen, formaldehyde, hydroxylamine, deoxyribonucleic
acid, nucleotide, mutation

ABSTRACT: Literature sources indicate that under the effect of
ultraviolet irradiation certain chemical mutagens can change the
mutability of the same DNA locus differently depending on its
nucleotide composition. In the present study the combined mutagenic
effects of ultraviolet irradiation and the chemical mutagens,
hydroxylamine and formaldehyde, were investigated in cultures of
E. coli 113-3, an auxotrophic mutant deficient in B₁₂. The E. coli
113-3 cultures with the addition of formaldehyde ($3 \cdot 10^{-2}$ M

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